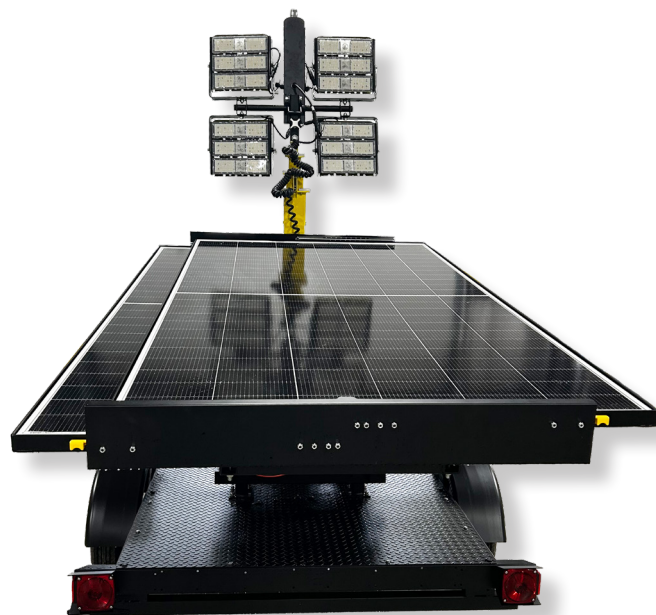The **Beacon978 LED Solar Tower** is a sustainable lighting solution powered by an oversized 1,210W solar array, paired with four 150W high-output LED light heads. Built for durability and efficiency, it's designed to operate year-round in any environment. Fully autonomous, it features a photocell sensor and programmable timer, delivering reliable illumination while drastically reducing emissions. Ideal for large area site lighting, concrete pours, and roadway or walkway lighting, this lightweight, trailer-mounted tower is the easiest way to bring powerful, off-grid lighting to your jobsite.

Features

- Equipped with a 1,210W solar array.
- Powered by 8.4kWh Lithium-Ion battery.
- Heating element for the battery.
- AC (15A 120V) & PV (solar) charging abilities.
- 20A 120V GFCI Duplex utility receptacle.
- Programmable timer & integrated photocell sensor.
- Selector switch to run either 2 or 4 light heads at a time.

Benefits

- Up to 13 hours of lighting on a single charge.
- Incredibly easy to deploy.
- Optimal performance in cold environments.
- Very low maintenance.
- Adjustable solar panel angles.
- Dusk-to-Dawn lighting control.

SPECIFICATIONS

Description		LED Solar Light Tower	
Colours		LE978LEDVSOLAR-TRAILER (Yellow)	LE978LEDVSOLAR-TRAILERB (Black)
Lights	Watts	600W	
	Amperage	5A @120V	
	Lumens	90,000 Lumens	
	Voltage	90V-277V	
	Weatherproof Rating	IP65 weather and wet location	
	Construction	Aluminum housing with polycarbonate lenses	
	LED Expectancy	50,000 hours	
	Approvals	Approved to UL & CSA standards	
Mast	Height	16' 10" from the ground (fully extended)	
	Construction	Heavy-gauge Powder Coated Steel	
	Wind Resistance	45mph (72km/h)	
Chassis	Tires	15" Trailer tires	
	Features	Towable with a 2" ball	
	Dimensions (stowed)	134" L x 72" W x 98" H	
	Dimensions (deployed)	134" L x 96" W x 202" H	
	Construction	Heavy-gauge Powder Coated Steel	
	Weight	1,200lbs	
Battery	Cell	25.6V 330Ah 8.4kWh Li-Ion battery pack	
	Run Time	(100% SOC) - 13 hours with 4 lights, 26 hours with 2 lights	
	Features	Lockable, ventilated & on/off switch	
	Dimensions	26.5" L x 24" W x 25" H	
Solar Array	Specifications	1,210W Solar array (2x 605W panels)	

Solar Charging Disclaimer

Solar power generation can be significantly impacted by the following factors; time of year, geographic location, damaged or dirty PV panels, cloudy weather conditions, shaded or covered installation areas, the direction the solar array is facing, and the angle that the solar array is set at. Refer to the "Solar Panel Information" section in the user manual for more information on best practices and installation guidelines.